

Building Standards and Guidelines Program

Each year in the U.S., more than one-third of new commercial construction and two-thirds of new residential construction must prove compliance with Federal, State, and local energy codes. While these codes often meet or exceed national model energy codes and standards, their interpretation by designers, builders, and code officials can often vary. The Building Standards and Guidelines Program (BSGP), brought to you by the U.S. Department of Energy, is an information resource on national energy codes and standards for those involved in construction projects. BSGP has developed a comprehensive line of support tools for builders, designers, and code officials to help them with energy code compliance.



MECcheck™ materials, a comprehensive product line of support tools, helps designers, builders, code officials, and others in the building industry more easily comply with the Council of American Building Officials (CABO) Model Energy Code (MEC).



COMcheck-EZ™ is a comprehensive product line of support tools to assist in compliance with the ASHRAE/IESNA Standard 90.1-1989 energy code. **COMcheck-EZ™** helps the building design, construction and enforcement industry comply with the ASHRAE/IESNA Standard 90.1-1989 energy code.

Both **COMcheck-EZ™** and **MECcheck™** product lines combine software and user's guides, videos and training materials.

Buildings for the 21st Century



Buildings that are more energy-efficient, comfortable, and affordable . . . that's the goal of DOE's Office of Building Technology, State and Community Programs (BTS). To accelerate the development and wide application of energy efficiency measures, BTS:

- Conducts R&D on technologies and concepts for energy efficiency, working closely with the building industry and with manufacturers of materials, equipment, and appliances
- Promotes energy/money saving opportunities to both builders and buyers of homes and commercial buildings
- Works with State and local regulatory groups to improve building codes, appliance standards, and guidelines for efficient energy use
- Provides support and grants to States and communities for deployment of energy-efficient technologies and practices

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For more information on activities, programs, and partnerships in research, development, and deployment see the BTS website at www.eren.doe.gov/buildings

HOTLINE: **1-800-270-CODE (2633)**

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Buildings for the 21st Century



Easy Check for Energy Code Compliance



OFFICE OF BUILDING TECHNOLOGY,
STATE AND COMMUNITY PROGRAMS

OFFICE OF ENERGY EFFICIENCY AND RENEWABLE ENERGY
U.S. DEPARTMENT OF ENERGY



MECcheck™

MECcheck™

The **MECcheck™** materials, a comprehensive product line of support tools for the Model Energy Code (MEC), help designers, builders, code officials, and others in the building industry comply more easily with the MEC. The **MECcheck™** product line combines simplified code requirements, easy-to-use software, and a comprehensive manual into a family of MEC support tools for residential dwellings. **MECcheck™** accommodates the use of more energy efficient technologies such as high efficiency windows, high-density insulation, and high efficiency heating and cooling equipment. Call the HOTLINE at **1-800-270-CODE (2633)** for more information.

The **MECcheck™** product line contains:

- Software – **free downloads at www.energycodes.org**
- Consolidated workbook with prescriptive compliance tables
- Videos
- Training materials



COMcheck-EZ™

COMcheck-EZ™

The **COMcheck-EZ™** is a comprehensive product line of support tools for the American Society of Heating, Refrigeration, and Air-Conditioning Engineers/Illuminating Engineering Society of North America (ASHRAE/IESNA) 90.1-1989 energy code and Chapter 7 of the International Code Council's International Energy Conservation Code. **COMcheck-EZ™** materials help designers, builders, code officials, and others in the building industry more easily comply with these energy codes for commercial and high-rise residential buildings.

The **COMcheck-EZ™** product line contains:

- Five compliance guides
 - a. Scope and Application
 - b. Mechanical
 - c. Envelope
 - d. Lighting
 - e. Software
- Field Inspection Checklists
- **COMcheck-EZ™** software
- Climate maps and prescriptive envelope requirement tables

New Software Features:

- Color-coding for ease of use
- Extended help files
- Additional lighting categories
- Windows 3.1, Windows 95, and Windows NT compatible
- Enhanced DOS version is also available
- **Free downloads at www.energycodes.org**